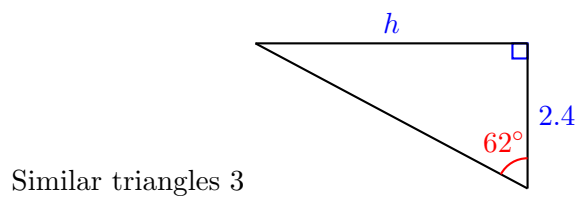
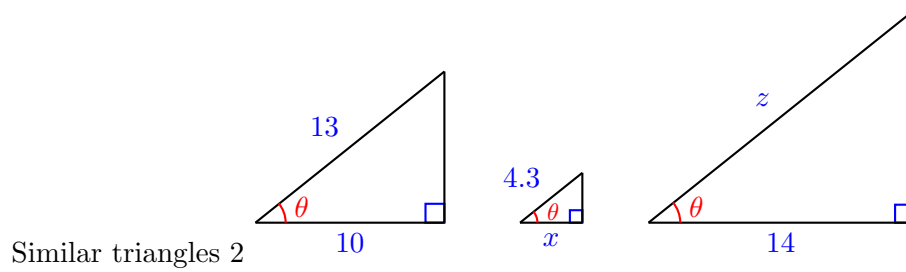
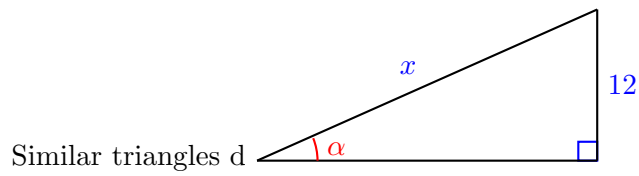
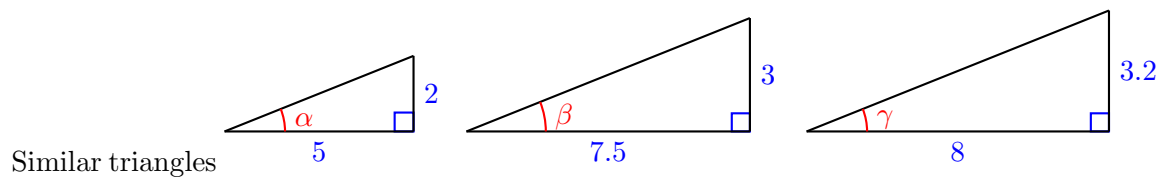


# Play with TikZ

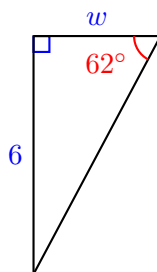
Just Us

November 20, 2018

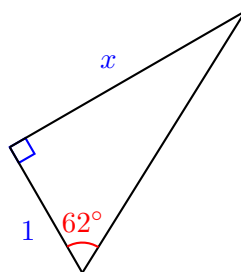
## 1 Chap 2



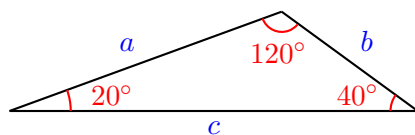
Similar triangles 3b



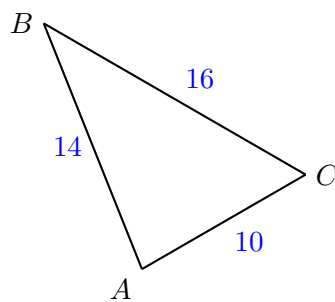
Similar triangles 3bii

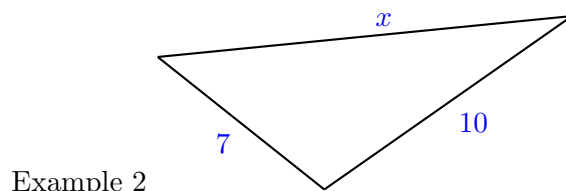
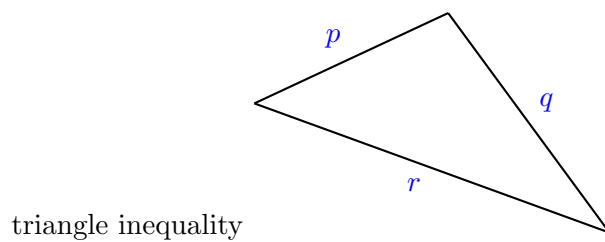
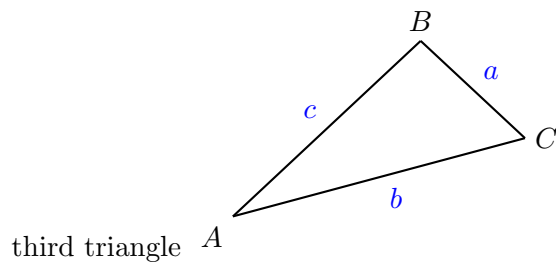


## 2 2.1 Side and Angle Relationships

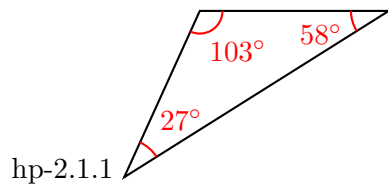
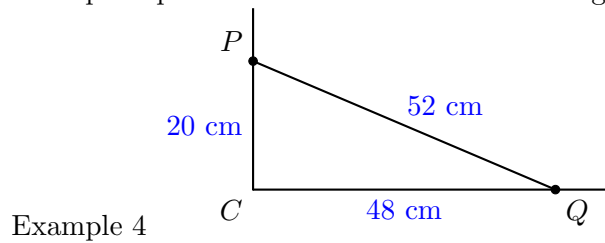


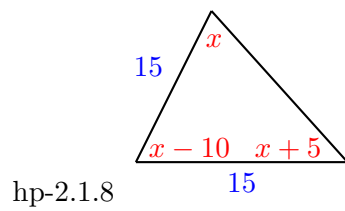
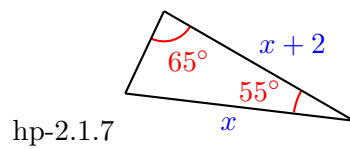
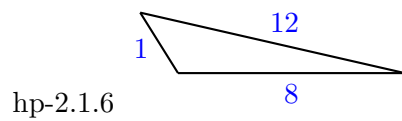
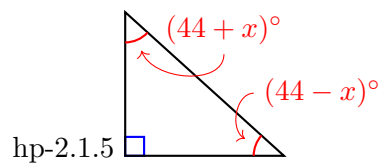
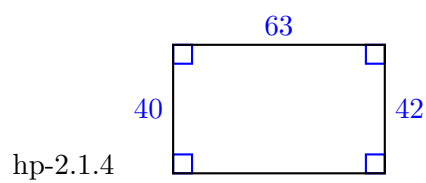
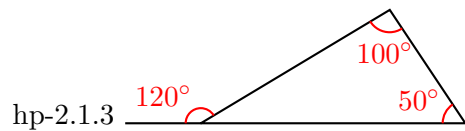
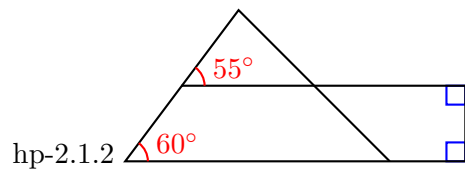
second triangle

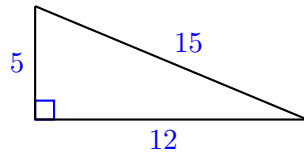




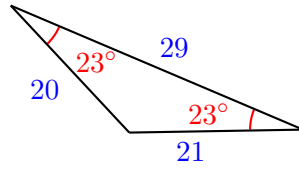
Example 2  
 Pythagorean Theorem triangle is in intro algebra  
 Example 3 picture of ladder is also in intro algebra



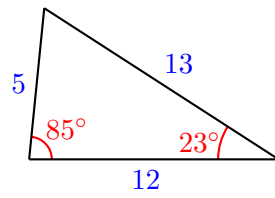




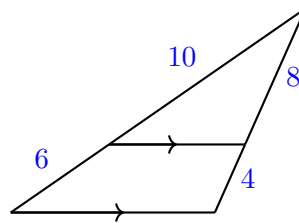
hp-2.1.9



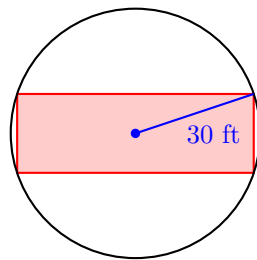
hp-2.1.10



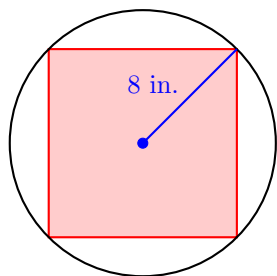
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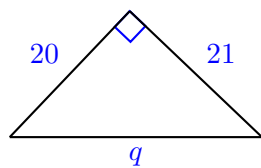
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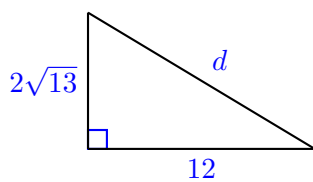
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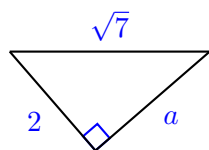
hp-2.1.22



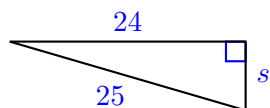
hp-2.1.23



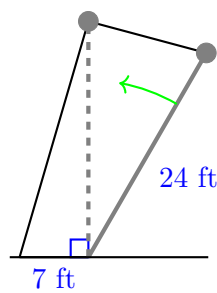
hp-2.1.24



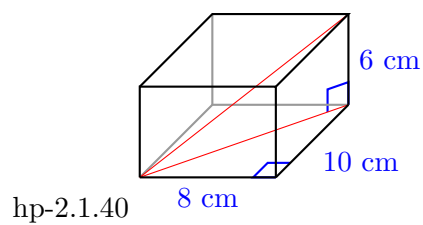
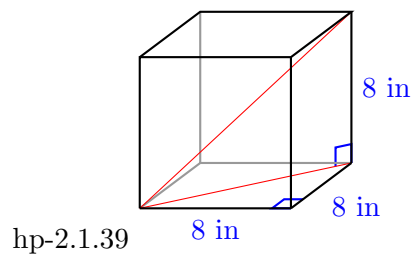
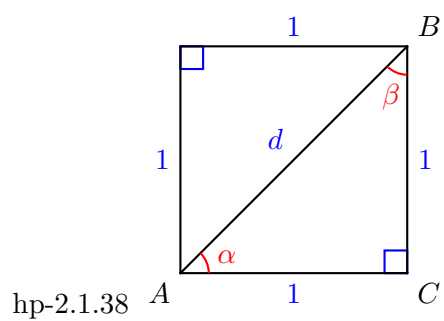
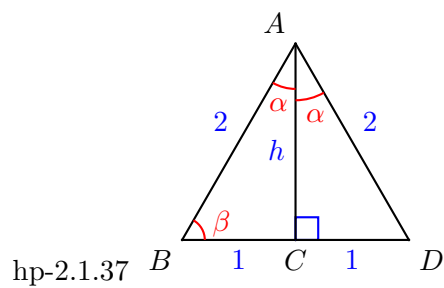
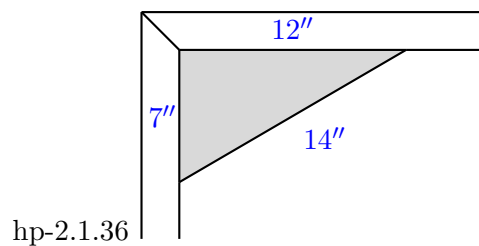
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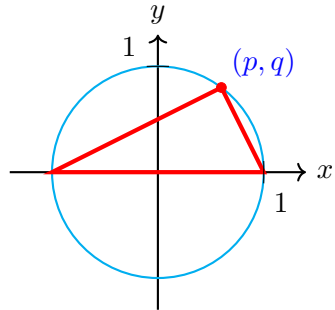


hp-2.1.26

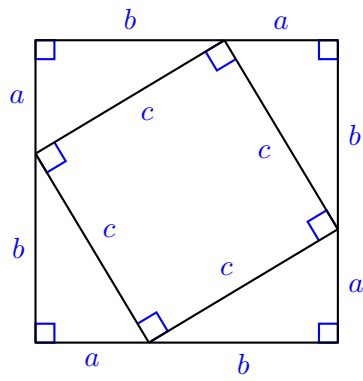


hp-2.1.35



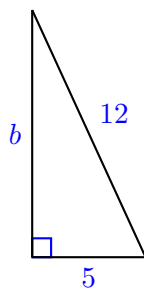


hp-2.1.43

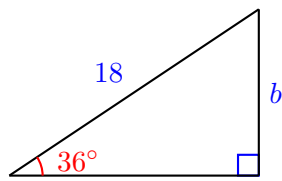


hp-2.1.44

### 3 2.2 Right triangle trig

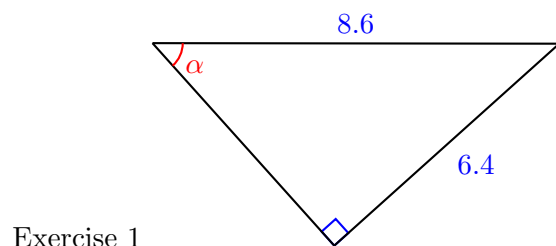
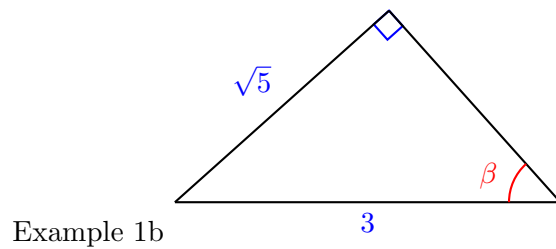
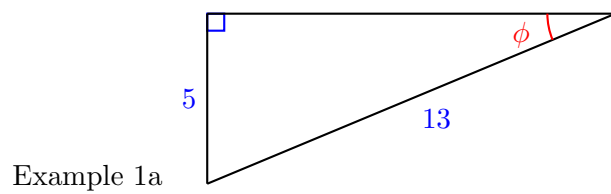
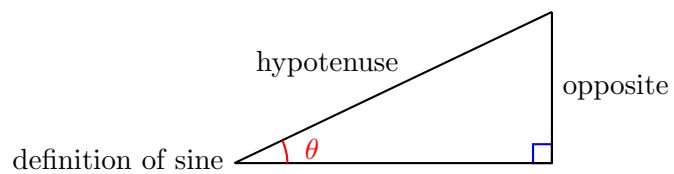
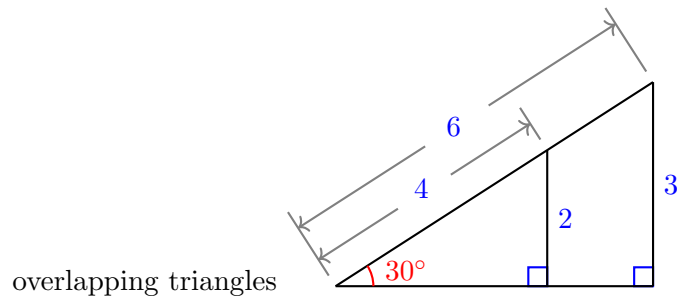


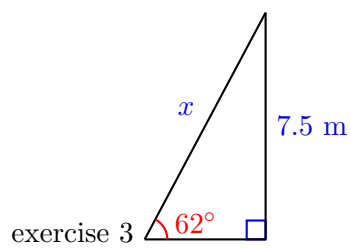
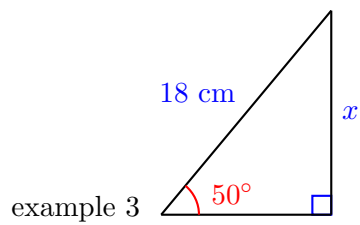
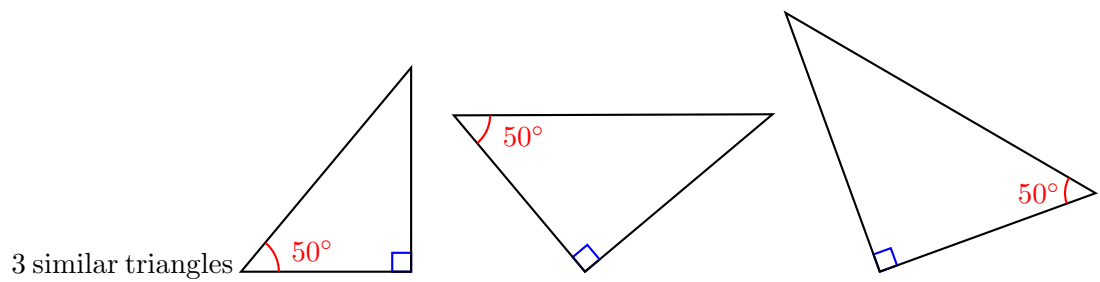
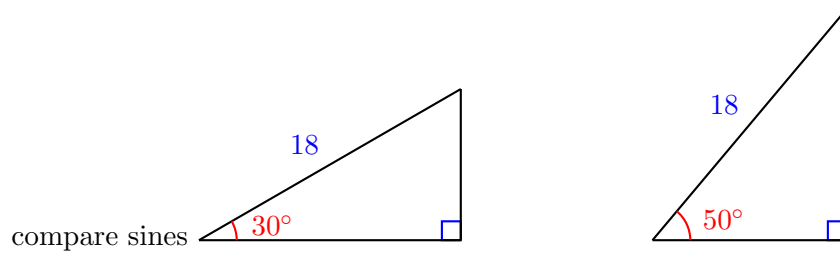
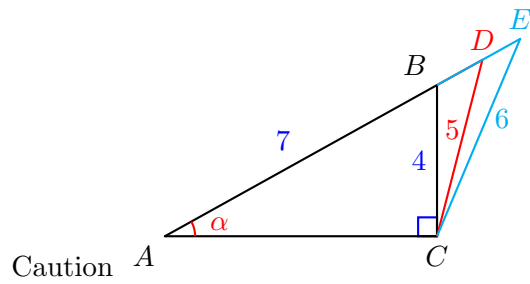
first triangle

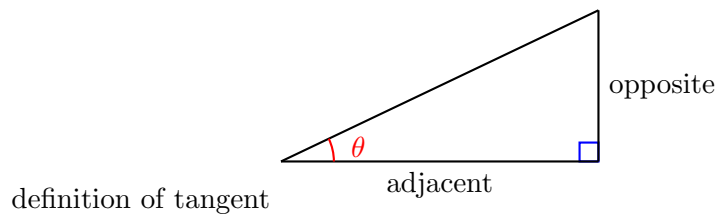
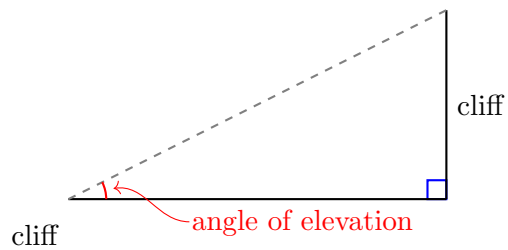


second triangle

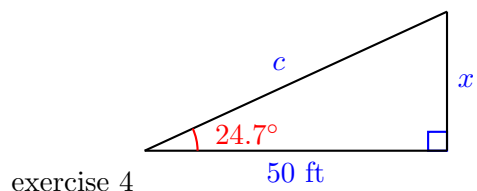




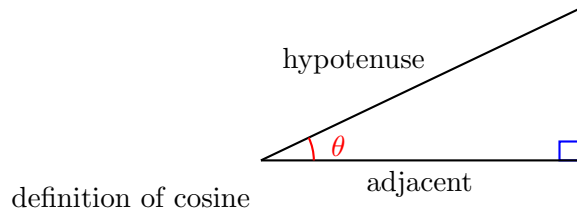




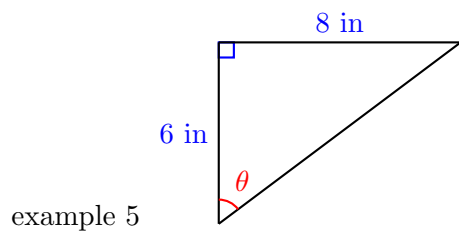
definition of tangent



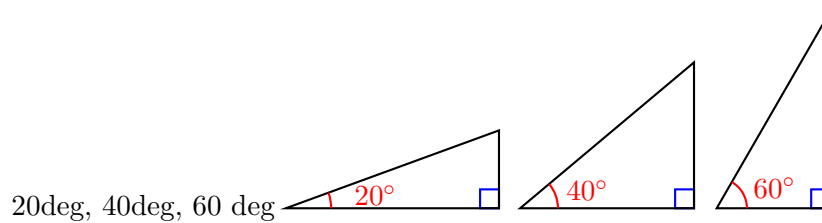
exercise 4



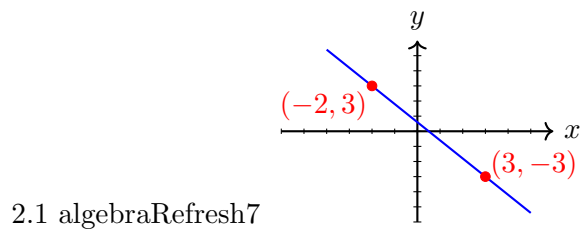
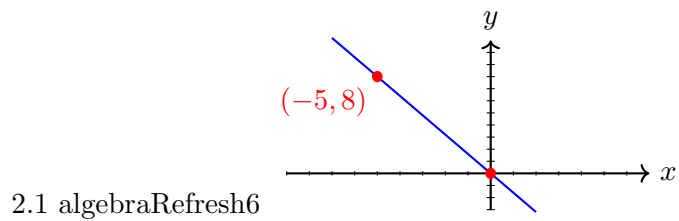
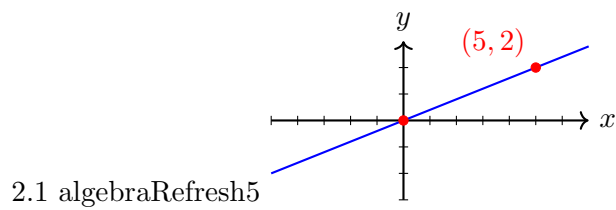
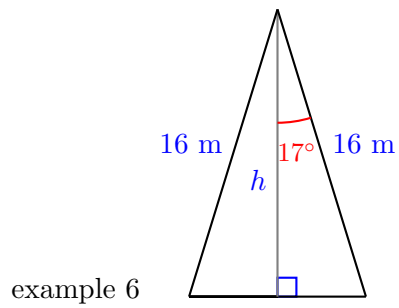
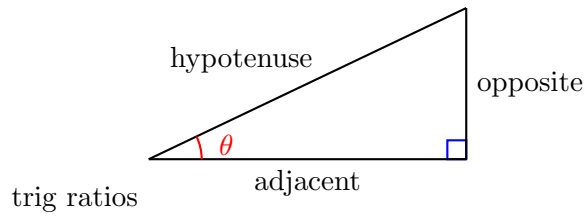
definition of cosine

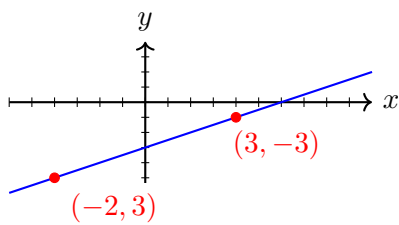


example 5

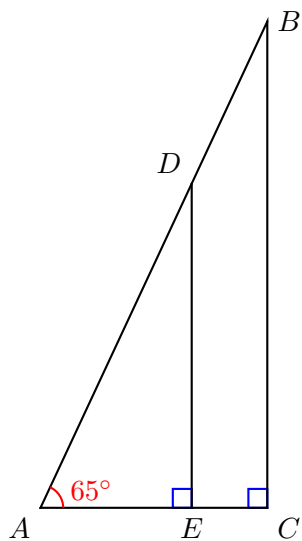


20deg, 40deg, 60 deg

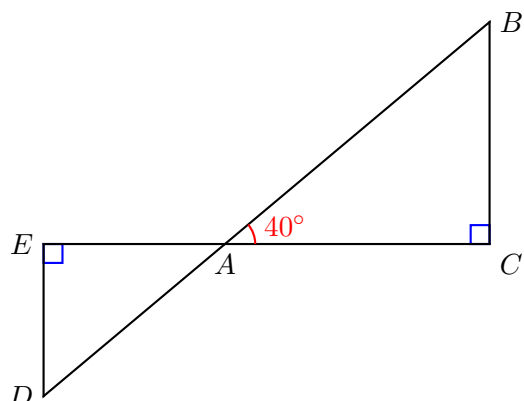




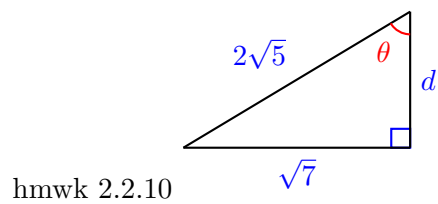
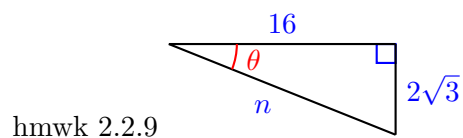
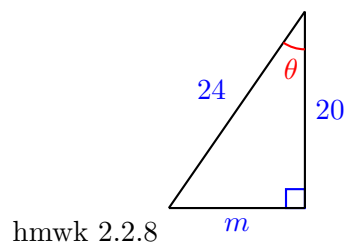
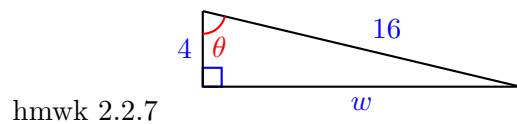
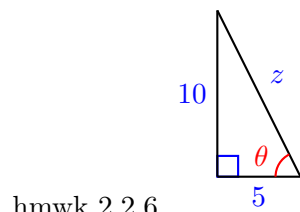
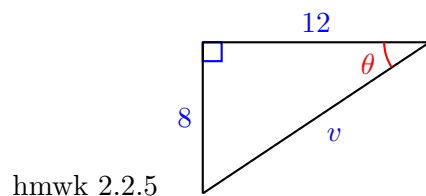
2.1 algebraRefresh8

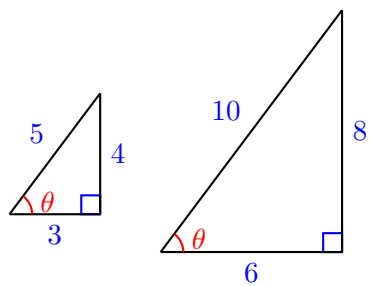


hmkw 2.2.1

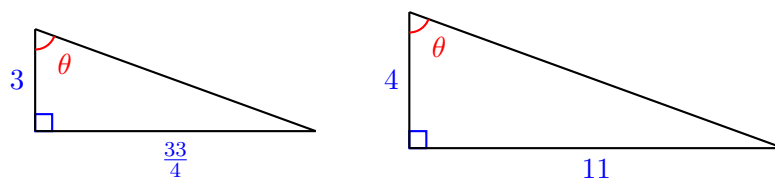


hmkw 2.2.3

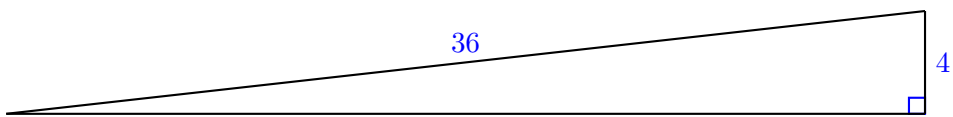
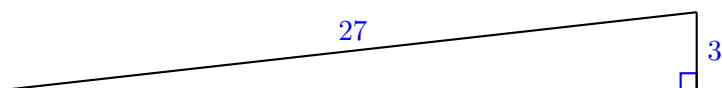




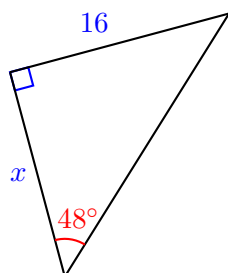
hp2-2-11ans



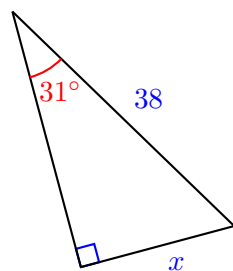
hp2-2-13ans



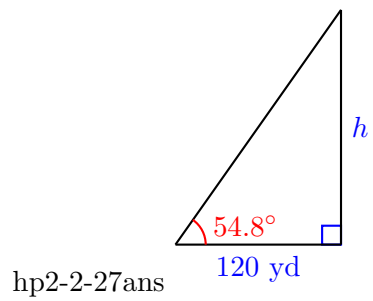
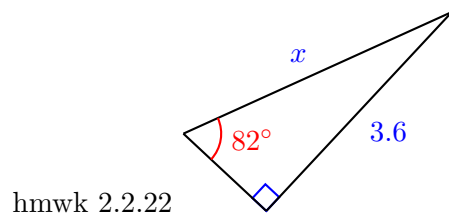
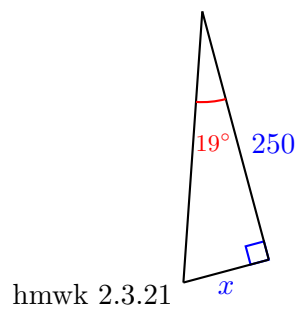
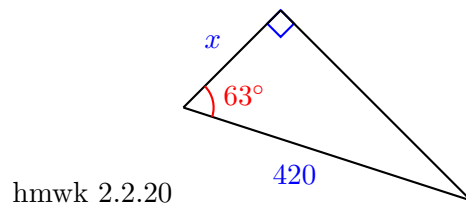
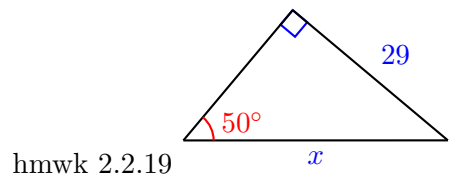
hp2-2-15ans



hmkw 2.2.17

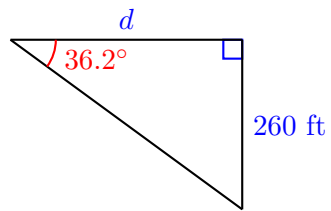


hmkw 2.2.18

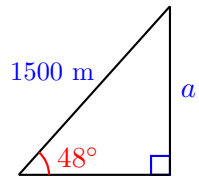




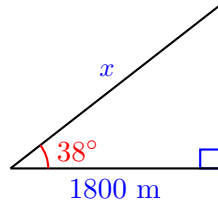
hp2-2-29ans



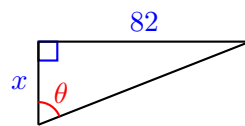
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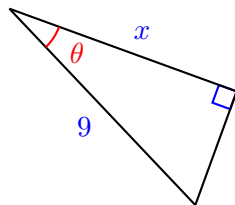
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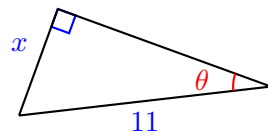
hmkw 2.2.35



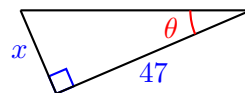
hmkw 2.2.36

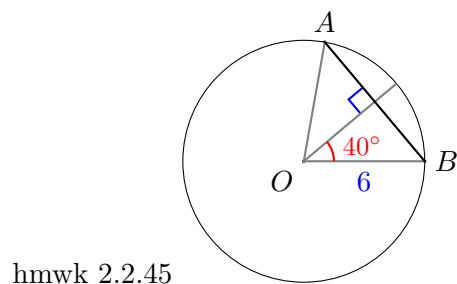
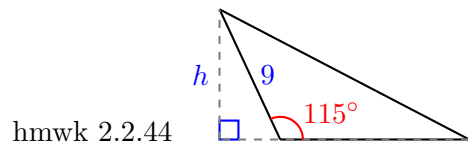
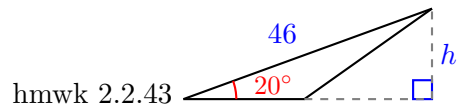
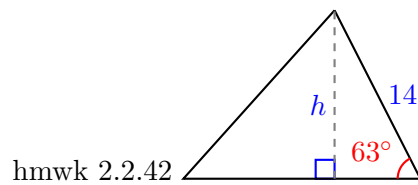
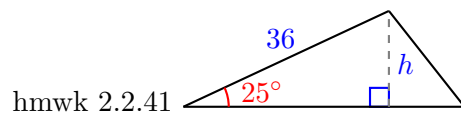
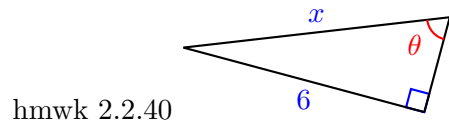
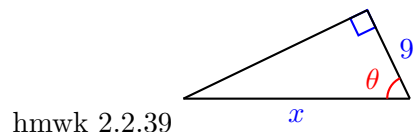


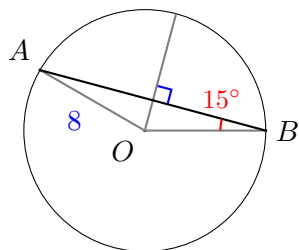
hmkw 2.2.37



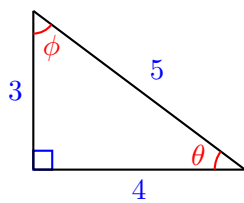
hmkw 2.2.38



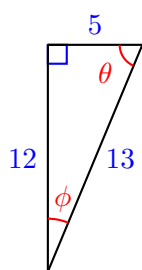




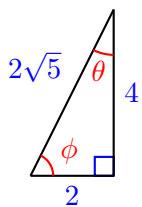
hmkw 2.2.46



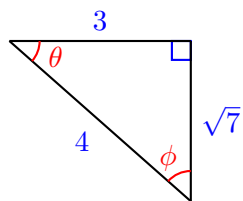
hmkw 2.2.47



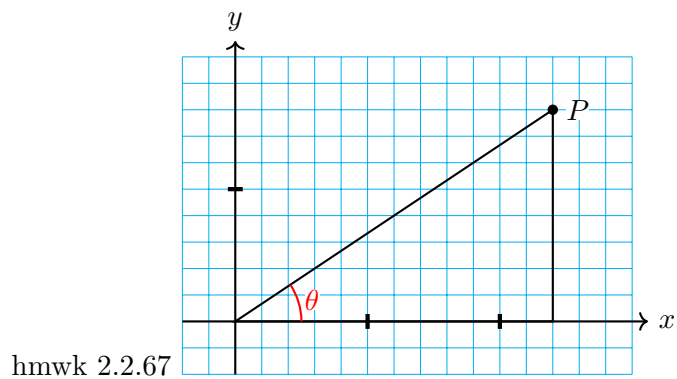
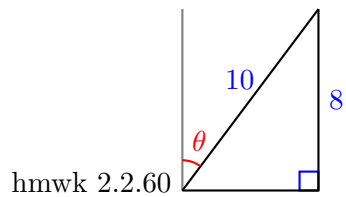
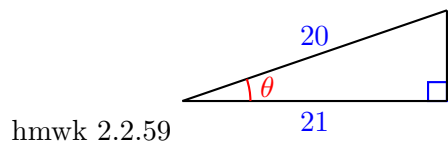
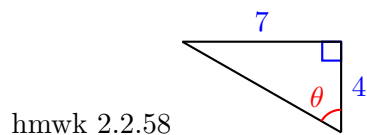
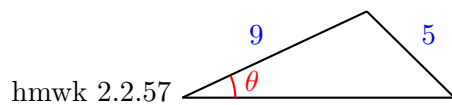
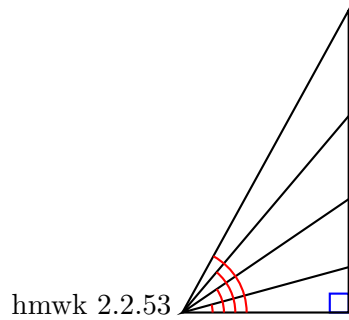
hmkw 2.2.48

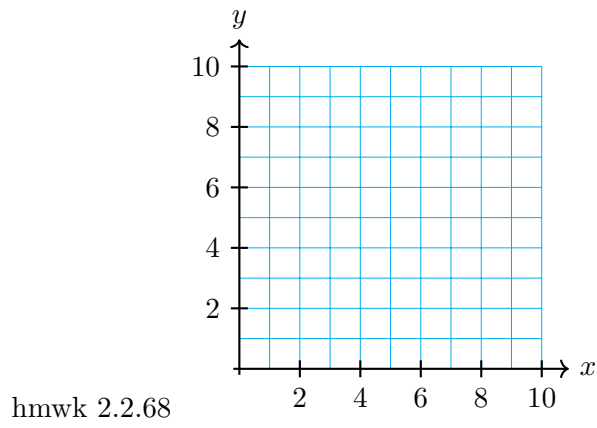
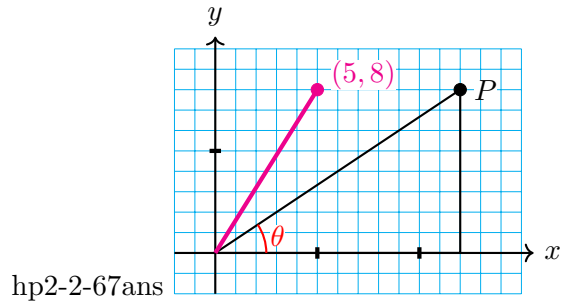


hmkw 2.2.49

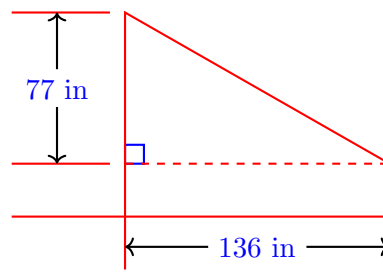
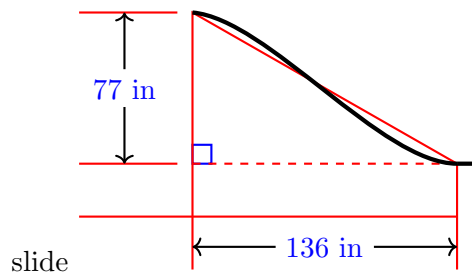
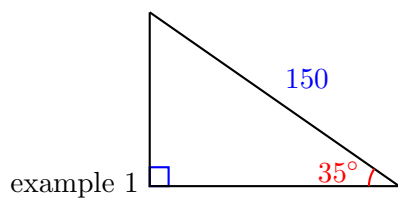


hmkw 2.2.50

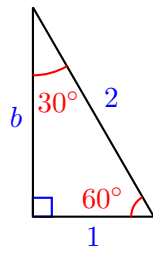
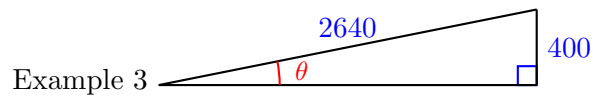
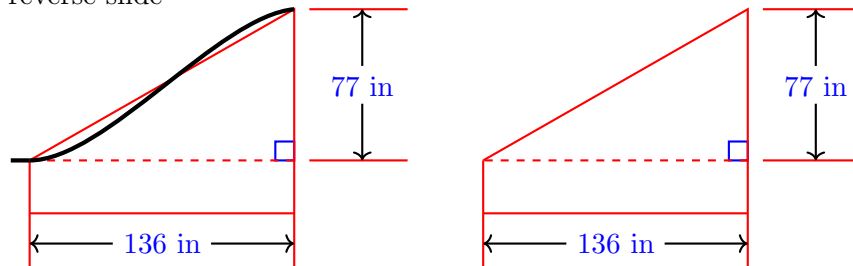




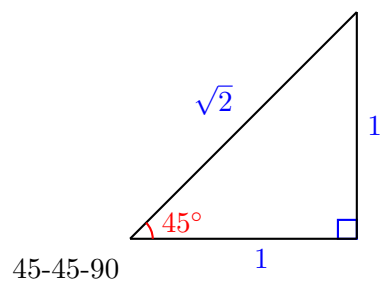
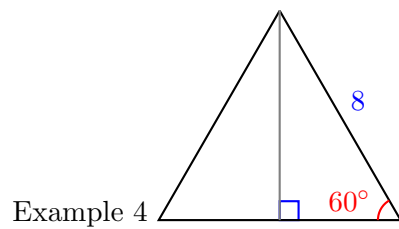
#### 4 2.3 Solving right triangles



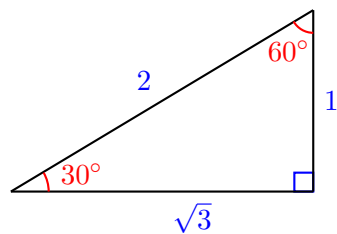
reverse slide



30-60-90

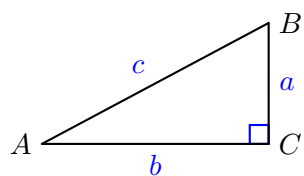


45-45-90

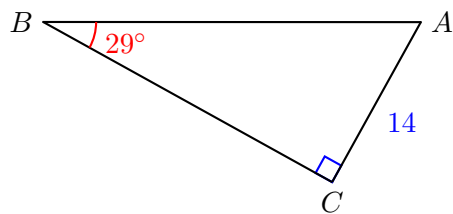


30-60-90

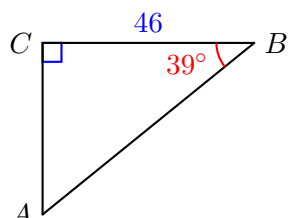
algebra refresher 4 uses existing figs



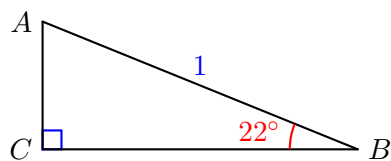
hmkw 2.3



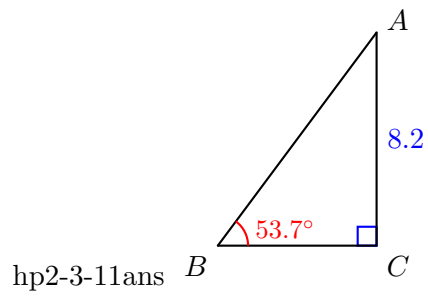
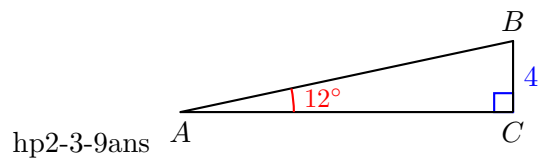
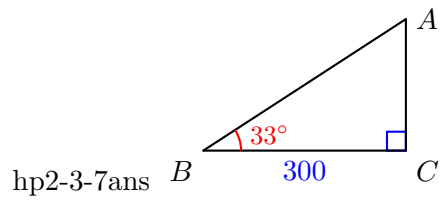
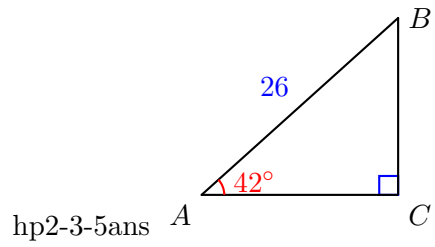
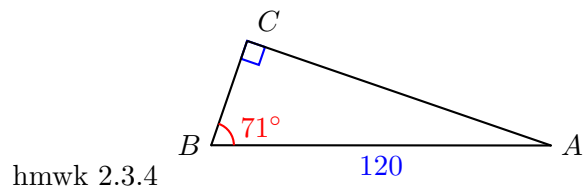
hmkw 2.3.1



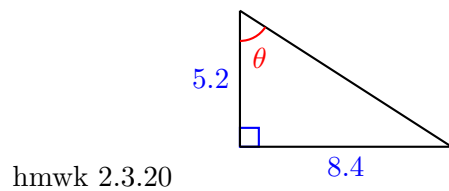
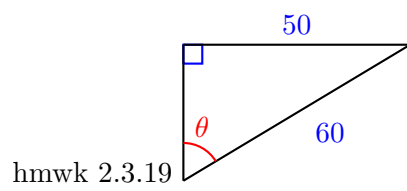
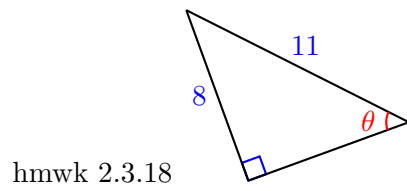
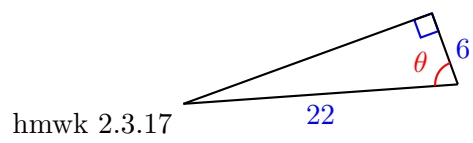
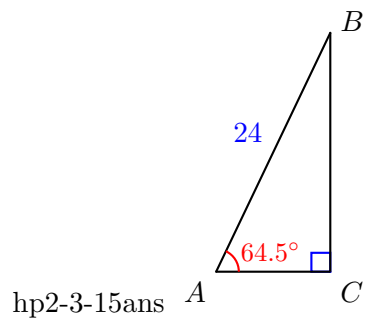
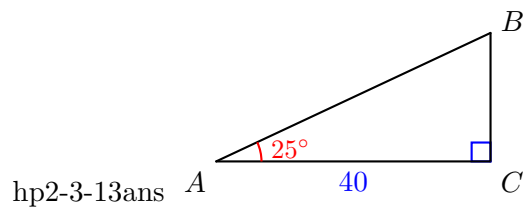
hmkw 2.3.2

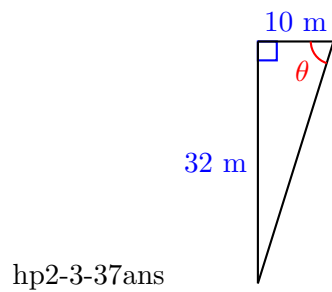
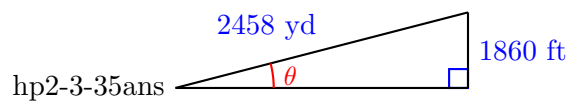
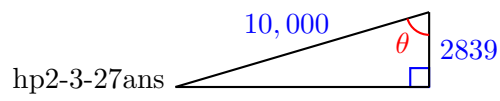
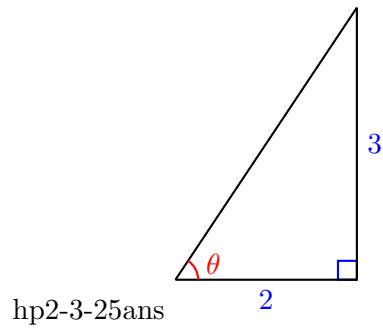
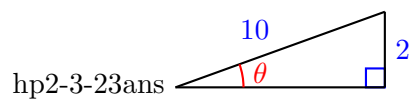
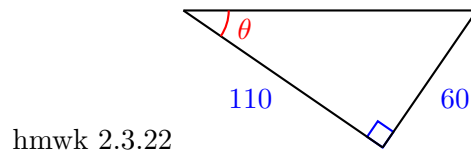
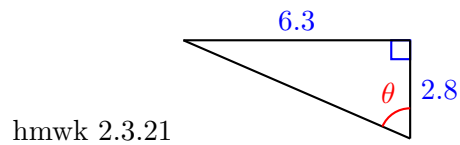


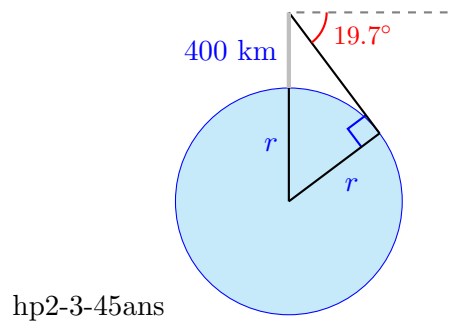
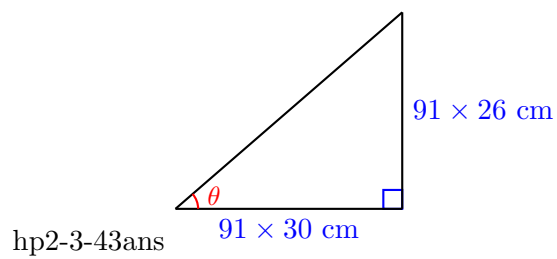
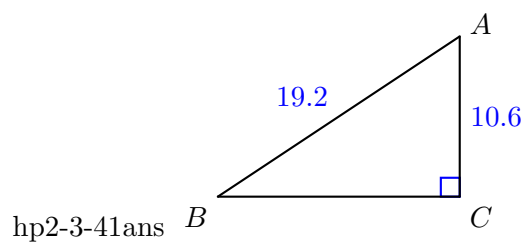
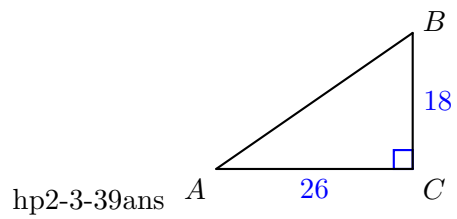
hmkw 2.3.3

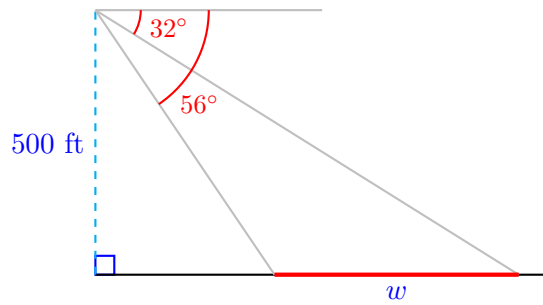




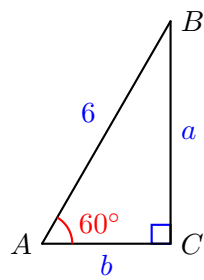




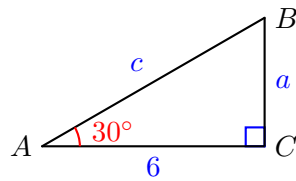




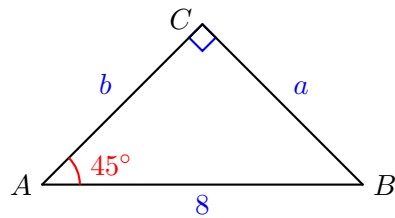
hp2-3-47ans



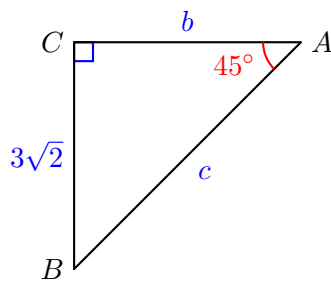
hmwk 2.3.63



hmwk 2.3.64

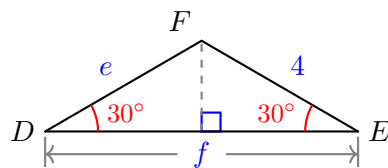


hmwk 2.3.65

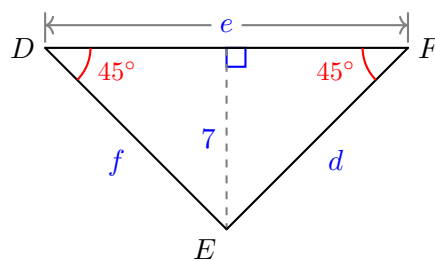


hmwk 2.3.66

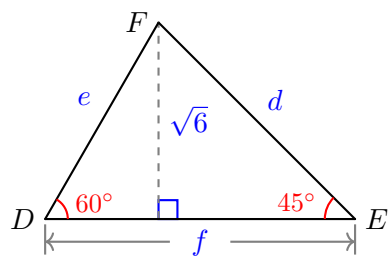
hmkw 2.3.67



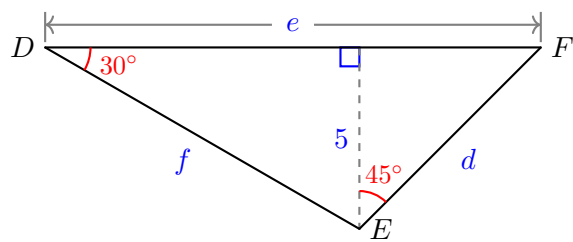
hmkw 2.3.68

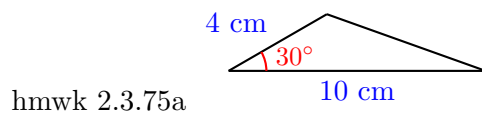
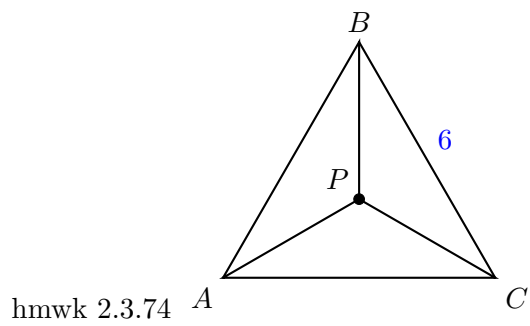
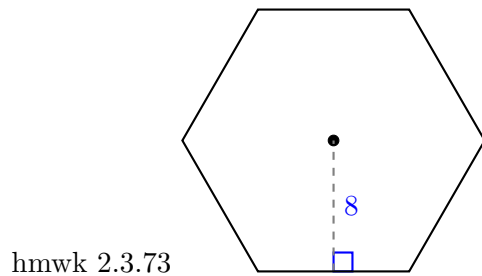
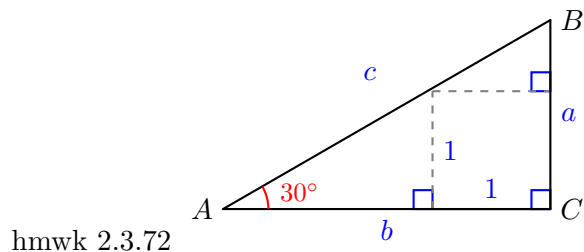
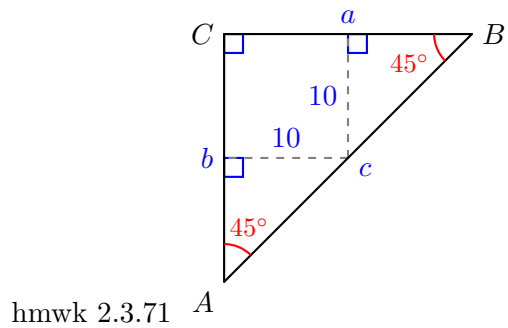


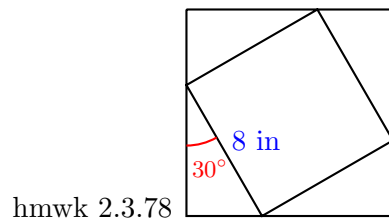
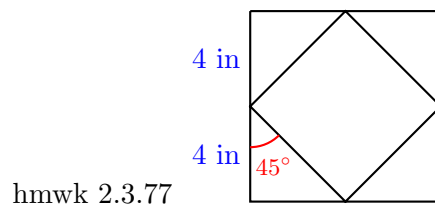
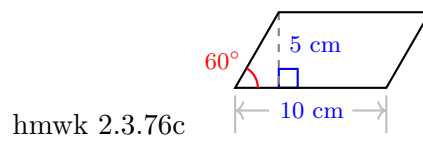
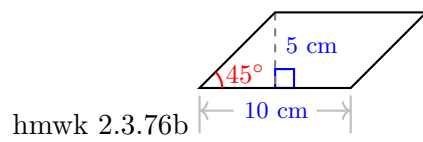
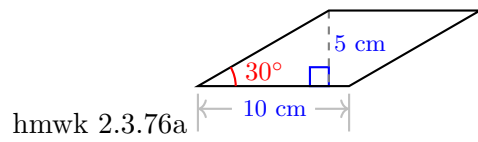
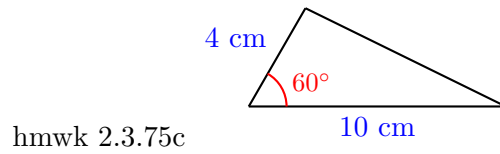
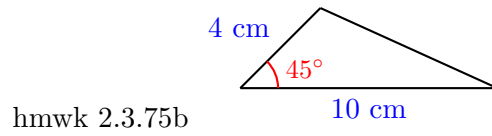
hmkw 2.3.69

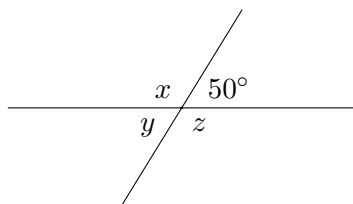


hmkw 2.3.70









Exercise not used?